



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5946

SERIAL NUMBER 10/696,081	FILING OR 371(c) DATE 10/29/2003 RULE	CLASS 703	GROUP ART UNIT 2128	ATTORNEY DOCKET NO. GP-302997
-----------------------------	--	--------------	------------------------	-------------------------------------

## APPLICANTS

Sharon Liu, Ann Arbor, MI;  
 Thomas R. Bewley, La Jolla, CA;

## \*\* CONTINUING DATA \*\*\*\*\*

This appln claims benefit of 60/455,083 03/13/2003 *OK* *RS*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

*None* *RS*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 01/30/2004

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance
Verified and Acknowledged	<i>David Silver</i> <i>RS</i> Examiner's Signature Initials
STATE OR COUNTRY	MI
SHEETS DRAWING	4
TOTAL CLAIMS	29
INDEPENDENT CLAIMS	3

## ADDRESS

CHRISTOPHER DEVRIES  
 General Motors Corporation  
 Legal Staff, Mail Code 482-C23-B21  
 P. O. Box 300  
 Detroit, MI48265-3000

## TITLE

Adjoint-based gradient driven method for identifying unkown parameters of non-linear system models

FILING FEE RECEIVED 932	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
----------------------------	---	---